


## Tetrix 230 AC/DC Comfort 2.0 puls 5P TM

090-000239-00502



- Modular AC/DC TIG inverter welding machine, gas- or water-cooled
- Comfort 2.0 control, simple operation with click wheel
- TIG welding
- activArc – Precise, focussed arc with reduced heat input and deep penetration for optimum root fusion
- Electronic HF start
- TIG lift arc welding
- Special AC welding procedure to join markedly different aluminium plates together, e.g. welding 1-mm-sheet to a 10-mm-plate
- Features characteristics for EWM activArc and EWM spotArc at no extra charge
- Adjustable AC waveform, sine, trapezoidal, square current
- Adjustable AC frequency between 50 Hz and 200 Hz
- Adjustable AC balance
- TIG automated pulsing with automatic specification of required pulse parameters
- Pulsed TIG welding in Hz and kHz range up to 15 kHz
- 8 free memory locations for recurring welding tasks (JOBS)
- Non-latched/latched operation
- Reduced secondary current accessible using torch trigger
- Spot welding/tack function (spotArc/spotmatic)
- Adjustable up-slope and down-slope time
- Adjustable gas pre- and post-flow time
- MMA welding
- MMA average value pulsing
- Adjustable hot start current and hot start time
- Antistick function
- Highlights
- Gas-cooled or optionally water-cooled with cool 40 U31 cooling unit
- Energy-saving thanks to high efficiency and standby function
- Connection capability for remote control and function torch
- Excellent torch cooling, resulting in cost savings on consumables due to high-performance centrifugal pump and 4-litre water tank (cool 41U31 cooling unit)
- Trolley 35.2-2, Trolley 55-5 and Trolley 55-6 trolleys available
- 3.5 m mains lead with 16 A earthed plug
- Overvoltage protection: No damage to machine caused if inadvertently connected to 400-V mains voltage

Setting range for welding current	3 A - 230 A
Duty cycle 40 °C	230 A / 40 %
	200 A / 60 %
	170 A / 100 %
Open circuit voltage	45 V
Mains voltage	-40 %
Mains frequency	50 Hz / 60 Hz
Mains voltage	1 x 230 V
Tolerances	-40 % up to +15 %
Mains frequency	50 Hz / 60 Hz
Recommended generator power	7.4 kVA
Cooling capacity at 1 l/min.	0 W
Protection classification	IP23
Safety marking	
EMC class	A

Dimensions (L x B x H)

539 mm x 210 mm x 415 mm

21.2 inch x 8.3 inch x 16.3 inch

Standards

IEC 60974-1, -3 and -10 CL.A